



URBAN DISTRICT COUNCIL OF WORSLEY

ANNUAL REPORT

OF THE

Medical Officer of Health

AND THE

Chief Public Health Inspector



1964



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W O R S L E Y U R B A N D I S T R I C T C O U N C I L

List of Members of the Council

during the Municipal Year 1964/65.

Chairman of the Council

Councillor S. Palin, J.P.

Vice-Chairman

Councillor E. Harper, J.P.

Councillor Mrs. N. Brierley,	* Councillor S. Mann,
* Councillor Mrs. A. C. Eastham,	Councillor S. Martin,
* Councillor H. Doyle, J.P.,	* Councillor Mrs. E. Meeson,
Councillor J. Eastwood,	Councillor C. Mullineux,
* Councillor W. Edge,	* Councillor W.B. Pennington, B.Sc.,
Councillor H. Gorton,	* Councillor P. Rowson, J.P.,
/ Councillor A.E. Hall, J.P.,	Councillor A. Shaw, J.P.,
Councillor Mrs. E. Hall,	* Councillor J. Stell,
Councillor S. E. Higginbottom,	Councillor F. G. Wharmby,
* Councillor E. J. Holt, A.I.M.L.T., M.R.I.P.H.H.	Councillor A. Williams, J.P., C.C.
* Councillor E. Mann, B.E.M., J.P.	* Councillor Mrs. M. Wood.

Clerk of the Council

R. E. Huband - Solicitor

* Chairman of the Public Health Committee.

/ Vice-Chairman of the Public Health Committee.

* Members of the Public Health Committee.

PUBLIC HEALTH OFFICERS.

Medical Officer of Health -

W. J. ELWOOD, M.B., B.Ch., B.A.O., D.P.H.,

Deputy Medical Officer of Health -

J.G.A.S. WILLIAMSON, M.B., Ch.B., D.P.H. (commenced 4.1.65.)

Chief Public Health Inspector and Cleansing Superintendent -

F. HAWORTH, M.A.P.H.I., A.R.S.H., (a.b.c.d.)

Deputy Chief Public Health Inspector

K. S. ROWLANDS-PRICE (a.b.)

Additional Public Health Inspectors

P. W. COLLIER, M.A.P.H.I., M.R.S.H., (a.b.e.f.) (to 31.5.64.)

V. W. VICKERS, M.A.P.H.I., (a) (to 30.4.64.)

D. S. CHADWICK, M.R.S.H., (a) (from 3.8.64.)

D. MORRELL, (a) (from 7.9.64.)

P. A. DOYLE, M.A.P.H.I., M.R.S.H. (a) (from 16.11.64.)

Pupil Public Health Inspector -

R. MORTIMER

Technical Assistant/Clerk of Works -

J. K. HOGG (to 27.3.64.)

Clerks and Typists

MRS. N. NUTTALL - Senior Clerk/Typist

MRS. J. O'CONNELL - Clerk/Typist

MRS. A. SOWERBY - Part Time Clerk/Typist

NOTES:

- (a) Holds the Public Health Inspector's Certificate.
- (b) Holds the Meat Inspector's Certificate.
- (c) Holds the Certificate in Sanitary Science as applied to Public Works and Buildings.
- (d) Holds the Associate Membership Certificate of the Institute of Public Health Engineers.
- (e) Holds the Smoke Inspector's Diploma.
- (f) Holds the Diploma in Health Engineering.

ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
for the year 1964

Public Health Department,
12 Bridgewater Road,
WALKDEN, Manchester
Tel: WALKden 4551
S.T.D. Trunk Calls: 061 WAL4551

TO THE CHAIRMAN AND MEMBERS OF THE WORSLEY URBAN DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you my annual report on the health of the Urban District during the year 1964, and in doing so I follow the directions issued by the Minister of Health in Circular 1/65.

All the vital statistics for the year struck pretty 'average' levels, and do not offer occasion for comment here. They are set out in the appropriate tables in the statistical appendix, and my comments on them are given in the body of the report. In regard to deaths, it can be shown from Table IV that deaths of persons under 45 years of age accounted in the five-year period 1960-64 (as they did in 1955-59) for 10.8% of all deaths in Worsley. Since no one has ever discovered the elixir of life, and since the natural span is still of the order of the "threescore years and ten" or "fourscore" of which Moses wrote, the aim of preventive medicine must be that of postponing, until the natural period, deaths like these which take place at earlier ages. In this connection it is relevant to point out that the two causes of "untimely" deaths which in the present state of knowledge are most readily preventable, or at least reducible, namely lung cancer and accident, accounted respectively for 3.9% and for 3.7% of all the deaths in Worsley during the five-year period 1960-64.

In regard to the incidence of notifiable diseases, it is with particular pleasure that I point out that the number of cases of tuberculosis notified during the year, namely six, was the lowest number ever notified in the Urban District. With a record of incidence of notifiable diseases such as Worsley has had, (which is set out for the last 25 years in Table VI), one might be in danger of complacency. Writing, however, in the tercentenary year of the Great Plague of London, one has had recent reminders of how unexpectedly an outbreak of infectious disease may occur in a district; the Bradford smallpox outbreak in 1962-63, the Aberdeen typhoid outbreak in 1964 and the outbreaks of poliomyelitis in Blackburn and of paratyphoid fever in the Fylde at the time of writing drive home the lesson that an Authority must have a strong team of public health personnel ready at all times to deal effectively with any eventuality.

So far as Smoke Control is concerned, the effective position at the end of 1964 was precisely the same as it had been at the end of 1963, namely that 11% of the dwellings in the Urban District were included in the two areas subject to operative Orders. Although the Council did decide in February, 1964 upon a suspension of the programme until the position in regard to fuel supply was clarified, the resumption of work on it was authorised in December, 1964. I hope, therefore, that no further set-backs will be experienced with the area now awaiting confirmation by the Ministry nor with those under survey.

I also hope that the years ahead will see an increase in the number of applications for improvement grants, and that the Council will use the powers conferred under the Housing Act 1964 to designate areas of houses capable of being improved. In my view, this should be the natural corollary of the declaration of clearance areas; in essence, both are judgements on the "life" of the properties in the areas, and both are facets of the programme designed to improve the housing conditions in the District.

My thanks are due to Mr. Haworth and the staff of the Department for their loyal service, to the Clerk and Solicitor and Officers of other Departments for helpful advice and ready co-operation, and to you for the support and confidence you have given throughout the year.

I am, Ladies and Gentlemen;

Yours Obediently,

WILLIS J. ELWOOD

Medical Officer of Health

August, 1965

STATISTICAL SUMMARY

VITAL STATISTICS (See also Tables I, II and III)

	<u>Male</u>	<u>Female</u>	<u>Total</u>
(Legitimate	344	366	710
Live Births (Illegitimate	10	24	34
(Total	354	390	744

Live birth rate per 1,000 estimate population:-

Crude birth rate	16.9
Adjusted birth rate	17.4
Ellegitimate live births per cent of total live births	4.5

	<u>Male</u>	<u>Female</u>	<u>Total</u>
(Legitimate	5	-	5
Still-Births (Illegitimate	-	10	10
(Total	5	10	15

Still Birth rate per 1,000 live and still births 19.8

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Total live and still-births	359	400	759

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Infant deaths under 1 year of age			
(Legitimate	11	4	15
(Illegitimate	-	1	1
(Total	11	5	16

Infant mortality rate per 1,000 live births - total	21.5
" " " " " " - legitimate	20.2
" " " " " " - illegitimate	1.3

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Infant deaths under 4 weeks of age			
(Legitimate	7	2	9
(Illegitimate	-	-	-
(Total	7	2	9

Neo-Natal mortality rate per 1,000 live births	12.1
Early Neo-Natal Mortality rate per 1,000 live births	10.8
Perinatal mortality rate per 1,000 total births	30.3

Maternal deaths (including abortion)	Nil
Maternal mortality rate per 1,000 total births	Nil

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Total deaths	237	198	435

Death rate per 1,000 estimated population	
Crude Rate	9.9
Adjusted rate	13.3

Deaths from Measles, Diphtheria, Whooping Cough	Nil
Deaths from Cancer	77

ENGLAND AND WALES

Birth rate per 1,000 population	18.4
Death rate per 1,000 population	11.3

GENERAL STATISTICS

Area of the district in acres	7,240
Population - 1961 Census	40,393
- Registrar General's estimate mid-1964	44,060
Number of inhabited houses at 31st December, 1964	14,770
Rateable Value - at 31st December, 1964	£1,394,004
Sum represented by Penny Rate, 1964	£5,300

PHYSICAL FEATURES AND SOCIAL CONDITIONS

The area of the Urban District is 7,240 acres and is bounded on the north by the Borough of Farnworth and the Urban District of Kearsley, the Borough of Swinton & Pendlebury on the east, and the Borough of Eccles and the Urban District of Irlam on the south and the County Borough of Bolton and Urban District of Tyldesley to the west.

The area slopes gradually from north to south, the highest point being Spa Lane, near the Farnworth boundary which is 379 feet above ordnance datum, and the lowest point is in Barton Road near the Eccles boundary which is 76 feet above ordnance datum.

The district is mixed in character being partly rural, partly residential and partly industrial. A large part of the district is subject to mining subsidence.

The district is well served by transport facilities. The Bridgewater Canal along which large quantities of coal are transported, traverses the district from east to west.

Two trunk roads, the Liverpool East Lancashire Road (A.580), the Manchester to Chorley Road (A.6) and a length of the M.62 Motorway pass through the district, the latter terminating at Worsley Courthouse. In addition there are many mineral railway lines radiating from collieries to the various disposal points.

A wide variety of industry is carried on in the district. The principal industries are as follows:- light and heavy engineering, tailoring and garment making, cotton spinning, weaving and dyeing, chemical manufacture and food preparation and processing. In addition a large proportion of the population are employed in the mining industry.

No conditions of occupation appear to have had a prejudicial effect on the health of residents in the district.

There were 14,770 inhabited houses at the 31st December. This represents a density of 2.97 persons per occupied dwellinghouse.

POPULATION (TABLE II)

The resident population of Worsley estimated by the Registrar General at mid-1964 was 44,060 an increase of 1,020 on the estimated population for the previous year (43,040), an increase of 16,710 on the 1951 census, and an increase of 3,667 on the 1961 census.

BIRTHS (See Table I and II)

The number of live births during 1964 was 744 (354 males and 390 females) as compared with 719 in 1963. This gives a live birth-rate of 16.9 per 1,000 population, which is a little above the rate for the previous year (16.7) and above the rate for the five years 1959/1963 (16.5).

STILL-BIRTHS (See Table I)

The still-births numbered 15. The still-birth rate was 19.8 per 1,000 live and still-births as compared with 15.1 per 1,000 in 1963 and an average rate of 21.3 for the five years 1959/1963.

MATERNAL MORTALITY (See Table I)

No maternal deaths occurred during the year 1964. Only one such death has occurred during the five years 1959/1963.

INFANT MORTALITY (See Table I and II)

During 1964 there were 16 deaths of infants under one year of age, which gives an infant mortality rate of 21.5 per 1,000 live births. This rate is above the average rate of 20.8 for the five years 1959/1963 and is also above the National rate of 20.0 in 1964.

The neonatal deaths, i.e. the number of deaths occurring in the first month of life, were 9 giving a neonatal mortality of 12.1 per 1,000 live births as compared with an average rate of 14.9 for the five years 1959/1963.

The perinatal deaths, i.e. the number of still-births (15) plus the number of deaths occurring during the first seven days of life (8) were 23. This gives a perinatal mortality rate of 30.3 per 1,000 live and still-births.

The causes of the 16 infant deaths were as follows:-

Staphylococcal Lung Abscess	-	1 death
Congenital heart disease	-	1 death
Bronchopneumonia	-	2 deaths
Prematurity	-	3 deaths
Gastro Enteritis	-	1 death
Neonatal Asphyxia	-	1 death
Hyaline Membrane Disease	-	2 deaths
Pulmonary Distress Syndrome	-	1 death
Meningococcal Infection	-	1 death
Interstitial Pneumonitis	-	2 deaths
Asphyxia due to inhalation of Vomit	-	1 death

The number of deaths at all ages during the year was 435 compared with 470 in 1963. The crude death rate was 9.9 per 1,000 of the population as compared with 10.9 for 1963. If the death rate for the District is to be fairly compared with that which obtains in neighbouring districts it should be multiplied by the Registrar General's "comparability factor" (1.35 for Worsley) to give the adjusted death-rate of 13.3 per 1,000 population. This factor takes into account the differing age structure of the populations in different districts and the presence in any district of a chronic sick hospital (which would otherwise weight unfavourably the death rate for that district). The death rate for England and Wales for 1964 was 11.3 per 1,000 population.

The causes of death are clearly set out in Table III. It will be seen from the table that the greatest number of deaths was due to causes relating to the heart or circulatory system (causes Nos. 17 to 21) which together accounted for 220 deaths or 50.5 per cent of the total. The high proportion of deaths due to cancer is given separate mention below. Bronchitis was responsible for 34 deaths or 7.8 per cent of the total deaths.

In Table IV I have given the age distribution of deaths, and from this it can be calculated that the deaths of persons aged 65 years and upwards accounted for 62.0% of the total deaths. During the five year period 1955/59 the average percentage was 63.0%.

CANCER

The number of deaths which have been due to this cause (including leukaemia) in recent years has been as follows:-

	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>
Cancer of stomach	16	14	14	12	10
Cancer of lung, bronchus	13	19	20	22	12
Cancer of breast	10	9	6	8	8
Cancer of Uterus	3	5	4	1	2
Cancer of other sites	31	28	38	42	43
Leukaemia, aleukaemia	1	1	1	1	2
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	74	76	83	86	77
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

The deaths from this cause in 1964 represent 17.7% of all deaths in the district, and give a cancer mortality rate of 1.7 per 1,000 population. The National rate for 1964 was 2.21 per 1,000 population.

UNCERTIFIED DEATHS AND INQUESTS

During the year there were 84 deaths (53 males and 31 females) in which the causes of death were certified after post-mortem examination and/or coroner's inquests. This represents 19.3% of all the deaths in the district (compared with 18.5% in the previous year.)

There were 26 inquests held and the coroner's verdict was as follows:-

Accidental death	-	11
Suicide	-	4
Misadventure	-	6
Natural causes	-	2
Open Verdict	-	2
Drowning	-	1

MORTUARIES

20 Bodies from Little Hulton police were directed to Bolton General Hospital.

In addition, 28 bodies from the Walkden police area were directed to the Bridgewater Hospital for post mortem examination.

PREVALENCE AND CONTROL OF INFECTIOUS DISEASES (TABLE V)

There were 480 notifications of infectious disease (including tuberculosis) during the year compared with 952 during 1963. 331 of these were cases of measles.

There were 92 cases of confirmed dysentery which was an increase of 83 on the previous year.

There were two confirmed cases of food poisoning.

TUBERCULOSIS

Statistical particulars relative to the incidence of tuberculosis are given in Tables VII, VIII and IX. It will be seen that there were 6 new cases during the year (all respiratory) and that there were five deaths. These deaths represent a death rate from tuberculosis of 0.11 per 1,000 population, which compares with the rate for England and Wales of 0.052. It will be seen from Table VIII that there was a net decrease of 11 in the total number of cases known to the Department and resident in the District.

VACCINATION AND IMMUNISATION

Vaccination against Smallpox

Infant vaccination gives a measure of protection to the individual for many years; should the disease be contracted subsequently it is generally in a modified form and a fatal issue is unlikely.

The following figures show the number of vaccinations done in the District during 1964 and the previous two years:-

	<u>1964</u>	<u>1963</u>	<u>1962</u>
(a) Number of primary vaccinations	220	102	1,595
(b) Number of re-vaccinations	96	60	1,632

Immunisation against diphtheria, whooping cough and tetanus.

Under arrangements made by the County Council, parents have the choice of having children immunised from the age of four months -

- (1) by a 'triple' vaccine giving protection against diphtheria, whooping cough and tetanus.
- (2) by a 'combined' vaccine against diphtheria and whooping cough.
- (3) against whooping cough only.
- (4) against diphtheria only.
- (5) against tetanus only.
- (6) against diphtheria and tetanus.
- (7) against whooping cough and tetanus.

In the case of 'triple', 'combined', or whooping cough immunisation, three injections are given at intervals of not less than one month.

These protective injections are given free of charge at clinics and by general practitioners at their surgeries. The County Council pays a fee to general practitioners for sending in a record card containing particulars of these immunisations.

The following table shows the number of children who were immunised during the year.

	<u>Primary</u>	<u>Reinforcing</u>
Whooping Cough only	-	-
Tetanus only	4	2
Whooping Cough and Tetanus	-	-
Diphtheria only	1	1
Diphtheria and whooping cough 'combined'	-	-
Diphtheria, whooping cough and tetanus 'triple'	604	446
Diphtheria and tetanus	16	196
Total Diphtheria immunisations in 1964	621	643
Total Diphtheria immunisations in 1963	506	651

Vaccination against Poliomyelitis

Under arrangements made by the County Council in accordance with instructions from the Ministry of Health, vaccination was offered during the year to all persons who had not at the time of their application for vaccination reached the age of forty and also the following small groups:-

- (a) Persons going to visit or reside in a country outside Europe, other than Canada or the United States of America.
- (b) Practising dental surgeons, dental students, dental hygienists, student hygienists, dental surgeons' chairside assistants and their families.
- (c) Practising nurses not working in hospitals and their families.
- (d) Public Health staff who might come into contact with poliomyelitis cases and their families.

Up to the end of the year a total of 15,659 residents had received primary vaccination since the inauguration of the scheme. 669 of these vaccinations were done during the year under report, and 353 reinforcement doses were given.

Early in 1962 the use of Sabin vaccine by mouth was commenced, thus simplifying the administration of protection against this disease.

B.C.G. Vaccination against Tuberculosis

Under arrangements made by the County Council, parents of school children may be invited to consent to their children being skin-tested for susceptibility to tuberculosis, and to their being vaccinated against tuberculosis with B.C.G. vaccine if the skin-test shows them to be susceptible to this disease. During 1964, 369 school children were skin-tested in this manner, 317 of them were found to be susceptible to tuberculosis and 315 vaccinated with B.C.G. Any questions about B.C.G. should be raised with the School Medical Officer at the clinic.

NATIONAL ASSISTANCE ACTS, 1948 and 1951

Section 47 of the 1948 Act, as amended, gives power to remove, compulsorily, to hospital or Part III accommodation, persons who are unable to devote to themselves, and are not receiving from other persons, proper care and attention and are (a) suffering from grave chronic disease or (b) aged, infirm or physically incapacitated and living in insanitary conditions.

There was no occasion during the year when it was necessary to make application to a Justice of the Peace for the removal of such a person.

Section 50 of the 1948 Act, as amended, imposes on the Local Authority the duty of causing to be buried or cremated the body of any person who has died in its area, in any case where it appears to the authority that no suitable arrangements for the disposal of the body will be made otherwise than by the Authority.

No case arose during the year in which it was necessary to discharge this duty.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

I Services Provided by the Manchester Regional Hospital Board

1. HOSPITALS

The only hospital in the District, Peel Hall, Little Hulton, is a small unit which accommodates both male tuberculosis and female psychogeriatric cases.

The District is served in the main by the undermentioned hospitals.

- A. General - Bolton Royal Infirmary; Salford Royal Hospital.
- B. Infectious Diseases - Astley Hospital, Astley; Hulton Hospital, Bolton; Ladywell Hospital, Salford; Monsall Hospital, Manchester.
- C. Maternity - Bolton District General Hospital, Farnworth; Hope Hospital, Salford; Park Hospital, Davyhulme.

2. TUBERCULOSIS SERVICES

While certain aspects of this work, more particularly the domiciliary visiting of cases and contacts, come within the province of the Divisional Medical Officer, the Regional Hospital Board does provide the following:-

- A. Chest Clinic, 19-23 Darley Street, Farnworth. New cases referred by their family doctors should attend any Tuesday morning between 9.0.a.m. and 9.30.a.m.
- B. Mass Miniature Radiography Surveys are carried out periodically in the district by the Board's No. 4 Unit, which is based on Bolton.

3. VENEREAL DISEASES CLINIC

St. Luke's Clinic, 11 Duke Street, Liverpool Road, Manchester, 3.

The Clinic, Civic Centre, Bolton.

II Services provided by the Local Health Authority

Worsley is one of the three constituent districts of Lancashire County Council Health Division No. 15 which in addition includes the Borough of Eccles and the Borough of Swinton and Pendlebury.

The Services which are provided by the County Council are as follows:-

- 1. Care of Mothers and Young Children: this includes ante-natal and child welfare clinics, dental care, distribution of welfare foods and day nurseries.
- 2. School Health Service.
- 3. Midwifery.
- 4. Health visiting.
- 5. Home Nursing.
- 6. Vaccination and Immunisation.
- 7. Ambulance Service.
- 8. Prevention of illness, care and aftercare; this includes chiropody, health education, loans of nursing equipment, and convalescence for those who have been ill.

9. Home Help Service.
10. Mental Health.
11. Arrangements for the welfare of blind, deaf and dumb, crippled and handicapped persons.
12. Provision of Residential Accommodation for the Aged and Infirm.

Your Medical Officer of Health, in his capacity as Divisional Medical Officer, is the Officer locally responsible for the administration of these services, and any enquiry in regard to them should be addressed to him:-

Dr. W. J. Elwood, D.P.H.,
Divisional Medical Officer,
Lancashire County Council Health Division No. 15,
33 Green Lane,
PATRICROFT.

A brief resumé of the above services as available to residents in Worsley is given below (and in the order which they are named above):-

	<u>Centre</u>	<u>Hours of Attendance</u>
<u>Ante-Natal & Post Natal</u>	1. 51 Park Road, Walkden	Wednesday, 2.0.p.m. to 4.0.p.m.
	2. Haysbrook Avenue, Little Hulton	Wednesday, 2.0.p.m. to 4.0.p.m.
<u>Child Welfare</u>	1. 51 Park Road, Walkden	Thursday, 10.0.a.m. to 12 noon
		Thursday, 2.0.p.m. to 4.0.p.m.
	2. Haysbrook Avenue, Little Hulton	Tuesday, 2.0.p.m. to 4.0.p.m.
		Friday, 2.0.p.m. to 4.0.p.m.
	3. The Institute, Vicars Hall Lane, Boothstown	Tuesday, 9.30.a.m. to 11.30.a.m.
	4. The Court House, Worsley	Monday, 2.0.p.m. to 4.0.p.m.
<u>Day Nurseries</u>	1. Magnall's Fold, Walkden	<u>Monday to Friday</u> 7.30.a.m. to 6.0.p.m.
	2. District Centre, Little Hulton	7.30.a.m. to 6.0.p.m.
<u>Dental</u>	1. 51 Park Road, Walkden	By appointment
	2. Haysbrook Avenue, Little Hulton	By appointment
<u>Immunisation</u>	1. 51 Park Road, Walkden	By appointment
	2. Haysbrook Avenue, Little Hulton	By appointment
<u>Minor Ailments</u>	1. 51 Park Road, Walkden	School Medical Officer in attendance Friday 9.0.a.m. to 10.0.a.m.
	2. Haysbrook Avenue, Little Hulton	School Medical Officer in attendance Friday 9.30.a.m. to 11.0.a.m.
<u>Ophthalmic</u>	51 Park Road, Walkden	Cases referred by School Medical Officer.
<u>Orthopaedic</u>	Victoria House, Swinton	- ditto -
<u>Orthoptic</u>	Corporation Road Clinic, Eccles	- ditto -
<u>Relaxation</u>	1. 51 Park Road, Walkden	Cases referred from Ante-Natal Clinic.
	2. Haysbrook Avenue, Little Hulton	
<u>Speech Therapy</u>	Victoria House, Swinton	- ditto - Cases referred by School Medical Officer.

Midwifery

The following are the names and addresses of the midwives practising in Worsley as at the date of writing:-

	<u>Telephone No.</u>
Mrs. V. A. Atkinson, 47 Normanby Road, Walkden	WALkden 3125
Mrs. L. A. Leatherbarrow, 79 Grosvenor Road, Walkden	WALkden 4280
Mrs. Macrae, Tynesbank Old Farm, Little Hulton, Walkden	WALkden 5052
Mrs. D. Tirant, 22 Belcroft Drive, Little Hulton, Walkden	WALkden 5004
Miss E. Woodall, 3a Mill Hill, Little Hulton, Walkden	WALkden 5066

Health Visitors

The services of the following health visitors are available in Worsley as at the date of writing:-

	<u>Telephone No.</u>
Miss M. Openshaw, 51 Park Road, Walkden	WALkden 2230
Miss N. B. Porter, 51 Park Road, Walkden	WALkden 2230
Miss A. Whaite, 51 Park Road, Walkden	WALkden 2230
Mrs. B. Hodgson, Haysbrook Avenue, Little Hulton	WALkden 4283
Miss K. M. Reddish, Haysbrook Avenue, Little Hulton	WALkden 4283
Mrs. J. H. A. N. Stoddard, Haysbrook Avenue, Little Hulton	WALkden 4283

Home Nurses

The Home Nurses normally work under the direction of the family doctor. The names and addresses and telephone numbers of these nurses are:-

	<u>Telephone No.</u>
Mrs. P. M. Calderly, 388 Manchester Road W., Little Hulton	WALkden 4644
Mrs. K. Clare, 2 Parkside Avenue, Worsley	WALkden 2249
Mrs. M. T. Devine, 10 Bowker Street, Little Hulton	WALkden 3317
Mrs. M. Hughes, 62 Georgina Street, Farnworth	FA(0)rnworth 807
Mrs. L. Shepherd, 6 Shawbrook Avenue, Ellenbrook	WALkden 2088
Mrs. M. M. T. Swarbrick, 117 Ellenbrook Road, Boothstown	WALkden 4654
Mrs. E. V. Whitehead, 33 Winchester Road, Eccles	ECCles 1324
Miss M. Sharland, 272 Bolton Road, Atherton	ATHerton 1122

Ambulance Service

In an emergency anyone may call an ambulance, by going to the nearest telephone and dialling 999.

In non-urgent cases request for ambulance transport can only be made by a doctor, mid-wife, responsible hospital official or dentist ('phone SWInton 4343)

Chiropody Service

This service is provided on behalf of the County Council (insofar as aged persons are concerned) by the Worsley Aged Persons Welfare Committee, and applications should be made to the Hon. Secretary, Treasurer's Department, Town Hall, Walkden. A service for handicapped persons, expectant mothers and house bound cases is provided directly by the County Council and application should be made to the Divisional Medical Officer.

Home Help Service

Applications for domestic assistance for a household where such help is required owing to the presence of any person who is incapacitated by age, infirmity or illness, or in cases where the mother is to be confined should be made to the Divisional Medical Officer.

Centre for Handicapped Persons

A social centre for handicapped persons is held on Monday and Thursday afternoons at the Community Centre, Little Hulton; the domiciliary occupational therapist, who also visits handicapped persons in their own homes, is in attendance.

III Services provided by the Lancashire Executive Council

Enquiries regarding these services should be addressed to the Secretary, Lancashire Executive Council, 42 West Cliff, Preston. Lists showing the names of family doctors, dentists, pharmacists and opticians who are under contract with the Council can be seen at any Post Office or Public Library.

IV Public Health Laboratory Service

Public Health Laboratory, Withington Hospital, Manchester, 20.

V Public Baths

At the Public Baths, Bridgewater Road, Walkden there is a swimming bath, six slipper baths and various medicinal baths.

VI Services provided by Voluntary Organisations

Organisations which help in meeting particular needs in the district are:-

British Red Cross Society: Divisional Secretary, Miss A. Wood,
1 Holly Avenue,
Walkden.

Cripples Help Society; 5 Cross Street, Manchester, 2.

Family Planning Association, Eccles & District Branch: Hon. Secretary,
Mrs. M. Addis,
10 Chatsworth Road,
Eccles.

Manchester and Salford Blind Aid Society: 30 Tonman Street, Manchester.

The Worsley Aged Persons Welfare Committee: Hon. Secretary,
Treasurer's Department,
Town Hall,
Walkden.

PERMISSIVE PUBLIC HEALTH LEGISLATION IN FORCE IN THE DISTRICT

Public Health Acts (Amendment) Act, 1890 - Parts II, III, IV, V

Private Street Works Act, 1892

Public Libraries Act, 1892 adopted 28th February, 1896

Public Libraries (Amendment) Act, 1893, adopted 28th February, 1896

Public Health Acts (Amendment) Act, 1907, Part II, Part VI,
Section 81 of Part VII, Section 87 (modified), Section 88 and
Section 90 of Part VIII and Section 95 of Part X

Small Dwellings Acquisition Acts, 1899 - 1923 adopted 9th March, 1925

Public Health Act, 1925, Part II

Little Hulton Urban District Council Act, 1910

Little Hulton Gas Order, 1930 19th December, 1930

Swinton and Worsley Burial Board Act, 1954

BYELAWS AND REGULATIONS IN FORCE IN THE DISTRICT

Food Handling Byelaws, 1950

Building Byelaws (made under the Public Health Act, 1936) 1954

Lancashire County Council Byelaw for Good Rule and Government and
Prevention of Nuisance, 1954

Lancashire County Council Byelaw for Preservation of Road Margins, 1956

Lancashire County Council Byelaw for Libraries, 1956

Byelaws with respect to Nuisances, 1957

Slaughterhouse Byelaws, 1957

ANNUAL REPORT
of the
CHIEF PUBLIC HEALTH INSPECTOR
for the year 1964

TO THE CHAIRMAN AND MEMBERS OF THE WORSLEY URBAN DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in reporting on the environmental health service and on the refuse collection and disposal service for the year ended 31st December, 1964.

Staff changes, together with the ever mounting population, created serious administrative difficulties during the middle of the year. In addition to the Technical Assistant employed on Smoke Control Areas who left in April to take up a position with the Coal Utilisation Council, and was not replaced, two district Public Health Inspectors and the Refuse Collection Supervisor also left to take up more responsible and lucrative positions. We were fortunate to replace these officers later in the year, and the Council did in fact authorise an increase in the establishment of the department and a further Public Health Inspector was recruited to the staff in November.

Once again increased responsibility and work has been placed upon the department by legislative action. The Offices, Shops and Railway Premises Act of 1963 came into operation during the year. This Act is designed to provide for workers in the premises mentioned, health and safety standards comparable with those already enjoyed by workers whose employment is covered by the Factories Acts.

In view of the changed Solid Smokeless fuel position, which was outlined in Ministry Circular 69/63, the Council decided to suspend their Smoke Control Programme for the time being.

In April the Council exercised their powers on attaining a population of 40,000 to become a Food and Drugs Act Authority.

I am pleased to record that a scheme for the collection of refuse was agreed upon, which, from its inception in March, has resulted in a weekly collection of household refuse. A landmark in the history of the disposal of house refuse was the closing of Berryfield Tip in September after being in use for over thirty years.

I wish to express my thanks to the Chairman and Members of the Public Health Committee, Dr. Elwood, and to all members of the staff for their help and support during the year.

I am, Ladies and Gentlemen,
Your Obedient Servant,

FRANK HAWORTH
Chief Public Health Inspector

GENERAL ADMINISTRATION

The number of complaints recorded at the office amounted to 558 which is 99 more than the previous year.

Defects relating to houses amounted to only 32 which is due largely to the fact that the number of tenanted houses is diminishing all the time. 397 complaints were received relating to rodent or insect infestations.

Details of the department's activities can be gleaned from the figures given in Tables XI and XII.

Four statutory notices were served and legal proceedings taken on six occasions: one under the Clean Air Act 1956, two under the Food Hygiene Regulations, two under the Food and Drugs Act 1955 and one under the Public Health Act 1936.

HOUSING

Slum Clearance

56 houses were represented by the Medical Officer of Health as being unfit for human habitation.

8 houses were demolished and 46 persons were rehoused.

Housing Repairs (Table XII)

Repairs to 203 houses were secured as a result of notices served by the department. Statutory notices were served in two instances.

Rent Act 1957

Thirteen applications for certificates of disrepair were received which is an increase of eleven over the previous year. As several applications were received during the latter part of the year only five certificates were issued during the period under review. In two cases decisions not to issue certificates were made as the defects in question were remedied.

INSPECTION & SUPERVISION OF FOOD

Inspection of Meat and Other Foods (Tables XV and XVI)

All animals slaughtered at the two licenced slaughterhouses in the district were inspected in accordance with the Meat Inspection Regulations 1963. No charge is made for the inspection service.

276 bovines, 1264 sheep and 261 pigs, making a total of 1801, were inspected after slaughter.

The total weight of carcase meat and organs condemned amounted to only 3 cwt. 42 lbs.

The amount of other foods condemned amounted to 1 ton 4 cwt 22 lbs. This weight included a large quantity of various frozen foods resulting from the breakdown of refrigerated counters over the week-end.

Sampling of Food & Drugs (Table XVII)

On the 1st April the Council assumed powers as a Food and Drugs Act Authority and the City Analyst of Salford was appointed to act as Public Analyst on behalf of the Council.

Details of samples analysed are to be found in table XVII.

Five samples of milk were found to be irregular and a warning was issued in four cases and legal proceedings were taken in respect of a bottle of milk found to contain particles of glass and a fine of £20 and £8. 8. 0d. costs were imposed.

Ten other foods and one drug sample were also found to be irregular. Warnings were issued in all cases except one involving a can of peas containing a ground beetle. In this instance legal proceedings resulted in the manufacturer being fined a sum of £5. 5. 0d.

Food Hygiene

Routine inspections of food premises were carried out when the Staff situation permitted and generally speaking most premises were kept in a satisfactory manner.

Legal proceedings under the Food Hygiene Regulations were taken against two bakehouse employees for smoking in a food room. They were fined £5. 0. 0d. and £15. 0. 0d. respectively.

The outbreak of typhoid fever in Aberdeen caused a considerable amount of work for the department at a time when the Public Health Inspection Staff was reduced to two. In early June visits on two or more occasions were paid to over 200 food premises in an effort to trace certain brands and batches of corned beef which were under suspicion.

Housing (Financial Provisions) Act, 1958 and House Purchase & Housing Act 1959

(Table XIV)

The Engineer and Surveyor is responsible for Improvement Grants and he has supplied the following details:-

62 applications for Discretionary Grants were made, 58 were approved and work in respect of 37 were completed.

26 applications were submitted for Standard Grants, 24 were approved and works at 16 were completed.

Housing Act 1964

The purpose behind the provisions of the Act is to secure that within the next 10 years most of the two million or so improvable older houses which lack amenities and which still have a reasonable life are provided with hot water, a fixed bath or shower, a wash hand basin an inside lavatory and proper food store.

The Act bestows upon local authorities certain compulsory powers to achieve this objective and authorities are now put under a duty to arrange for the inspection of their areas with a view to identifying areas suitable for comprehensive improvement.

The powers of compulsion apply only to tenanted houses and a house cannot be improved without a tenant's consent, except at the expiration of 5 years from the service of an improvement notice.

In an area such as Worsley the large proportion of owner/occupied houses will undoubtedly complicate the administration of the Act, but nevertheless it is anticipated that much useful work can be done under the Act.

ATMOSPHERIC POLLUTION

Investigation of Atmospheric Pollution (Table XX)

The Council are members of the South East Lancashire and North Cheshire Consultative Committee for the investigation of Atmospheric Pollution. This body consists of representatives from 26 local authorities.

Two volumetric apparatus were in use during the whole of the year, one at the Public Health Department and the other at Hulton County Secondary School. A third sited at Bridgewater School, Worsley commenced operation in February. The results obtained from these instruments, shown in Table XX, are forwarded monthly to the Department of Scientific and Industrial Research.

Domestic

At the end of the year two smoke control areas were in operation, Part Peel Estate and Part Central Ward, embracing 1621 dwelling houses. This represents approximately 11 per cent of the total houses in the district. A third area which includes the developing Armitage Estate and the Little Hulton District Centre has been submitted to the Ministry for confirmation.

Further action was postponed in view of the changed solid smokeless fuel supply position outlined in circular 69/63. It was stated that the production of soft coke by the Gas Board would no longer be increased, and consequently future areas must be based on the assumption that only hard coke would be available for solid fuel fires. This in turn would necessitate the installation of more expensive appliances to enable this hard coke to be burned. These appliances include the underfloor draught firegrates and solid fuel room heaters (closed or openable stoves). In addition higher grants would have to be paid towards gas fires, electric off-peak storage heaters and oil heaters.

The Council, whilst remaining firm in its conviction that smoke control is a prime necessity, considered that a temporary halt should be called until the full implications regarding supplies of fuel and additional costs likely to be involved were fully explored.

Industrial

Legal proceedings under the Clean Air Act were taken in respect of the emission of dark smoke from an industrial chimney. Two offences were proved and a total fine of £20 was imposed.

GENERAL SANITATION

Water Supply

All houses in the district except the farm cottage at Rawsons i'th Nook are connected to the public water supply.

The northern portion of the district is supplied from the Bolton Corporation mains and the southern part from the Manchester Corporation supply.

Drainage and Sewerage

The drainage and sewerage system of the district is partly on the combined and partly on the dual system, and except for the isolated farms, covers the whole of the district.

The new sewage works at The Sycamores, Little Hulton, which was opened in September, 1963 now receives sewage from the whole of the Little Hulton Area with the exception of the Worsley Road North district. Sewage from this small section of the town is treated at the Ringley Works of the Bolton and District Joint Sewage Board.

Sewage from the remainder of the district is conveyed by trunk sewer to the Eccles Corporation Sewage Works for treatment.

Public Conveniences

There are five public conveniences in the area namely:-

- | | |
|----------------------------------------|------------------------------------------------------|
| 1. Manchester Road West, Walkden | Males - 2 W.Cs. 8 urinal stalls
Female - 2 W.Cs. |
| 2. Manchester Road West, Little Hulton | Males - 1 W.C. 4 urinal stalls
Females - 2 W.Cs. |
| 3. Worsley Road North, Walkden | Males - 1 W.C. 3 urinal stalls
Females - 1 W.C. |
| 4. Barton Road, Worsley | Males - 3 W.Cs. 5 urinal stalls
Females - 3 W.Cs. |
| 5. Simpson Road, Boothstown | Males - 1 W.C. 3 urinal stalls
Females - 3 W.Cs. |

The Boothstown conveniences opened in December 1963 incorporated new features designed to reduce damage by valdalism. Although they have not been completely damage free I feel that the design is a positive step in the right direction.

The final stage of improvements to the Barton Road conveniences was completed during the year. New floors were laid and the building was roofed in.

Pest Control

The Council employ one full-time Rodent Operative. A free service is given to householders whilst treatments carried out at business premises are chargeable.

Full details of treatments are given in Table XXII.

470 dwelling houses and 45 other types of premises were treated during the year, an increase of 26 over last year.

In addition the Council's sewers were treated at half yearly intervals and once again only slight infestation was discovered.

18 insect infestations were treated during the year. Five infestations of bugs were discovered during the year.

Factories and Shops (Table XXI)

- (a) Factories - 106 inspections were made at factories and 11 defects were noted all of which involved sanitary arrangements.
- (b) Office & Shops Act 1963 - 288 premises were registered and 48 visits were made. A number of defects of a minor character were noted and occupiers notified accordingly.

Pet Animals Act, 1951

Four licences were issued to keep pet shops.

No contraventions were noted.

Petroleum (Regulations) Acts, 1928 and 1936

The following licences to store petroleum spirit/petroleum mixture were issued during the year:-

Not exceeding 100 gallons petroleum spirit	- 6
Exceeding 100 " but not exceeding 500 gallons	- 3
" 500 " " " 1000 "	- 12
" 1000 " " " 5000 "	- 14
" 5000 " " " "	- 17

One licence to store Carbide of Calcium was issued.

Diseases of Animals (Waste Food) Order, 1951

This order prohibits the feeding of unboiled waste foods to animals and poultry and requires boiling plants to be licenced.

Four such plants are licenced in the district.

Refuse Collection and Disposal

(a) Refuse Collection

In order to ensure a regular weekly collection of refuse throughout the district a Task System was introduced during the year.

This entailed making a physical survey of the district and allocating a week's work to each team of driver and binmen.

The incentive to complete the weekly task being the concession that the team are allowed to go home immediately the task is completed.

To ensure the weekly sequence of collection during holiday periods a form of cash incentive bonus was incorporated into the scheme and was also applied to compensate teams working below established strength.

The introduction of this task system has already produced a marked improvement in the service.

The improved service has facilitated the undertaking of a regular weekly collection of refuse from the business premises within the district conditional upon prepayment of their annual trade refuse accounts.

During the year a further replacement of a small capacity side loading vehicle was made.

The increase in the bulk of house refuse largely dictated the choice of replacement vehicle and a 16/24 cu. yard capacity Dennis Paxit IIa was obtained in September of this year.

The pilot paper sack system which was introduced in the previous year was extended to the new development of the Armitage estate which will ultimately exceed 800 houses.

(b) Refuse Disposal

In September tipping operations were commenced at the Council's new tip at Vicars Hall Lane, Boothstown.

Preparatory operations including the construction of a metalled road and the stripping and stock piling of top soil from the tip site were carried out during the first half of the year.

The inability to obtain additional land adjacent to the new tip has necessitated the restriction of the use of the tip to household refuse and a limited quantity of trade refuse for which an increased tipping charge is being made.

TABLE I

VITAL STATISTICS OF WHOLE DISTRICT FOR 1964 AND PREVIOUS FIVE YEARS.

YEAR	Population middle of each year	Live Births		Deaths (all causes)		Still-Births		Maternal Mortality		Infant Mortality			
		No. Regis- tered	Rate per 1000 popln.	No. Regis- tered	Rate per 1000 popln.	No. Regis- tered	Rate per 1000 total births	No. of Deaths Regis- tered	Rate per 1000 total births	Total		Neo-Natal	
										No. of Deaths Regis- tered	Rate per 1000 live births	No. of Deaths Regis- tered	Rate per 1000 live births
1964	44,060	744	* 16.9	435	* 9.9	15	19.8	Nil	Nil	16	21.5	9	12.1
1963	43,040	719	16.7	470	10.9	11	15.1	Nil	Nil	7	9.7	4	5.6
1962	41,820	688	16.5	479	11.5	17	24.1	Nil	Nil	13	18.9	9	13.1
1961	40,400	679	16.8	414	10.2	18	25.8	1	1.43	19	28.0	14	17.7
1960	38,280	668	17.5	392	10.2	19	27.7	Nil	Nil	21	31.4	17	25.4
1959	37,620	630	16.7	370	9.8	9	14.1	Nil	Nil	10	15.9	8	12.7
Average for five years 1959 - 1963		-	16.5	-	10.5	-	21.3	-	0.29	-	20.8	-	14.9
England and Wales 1964		-	18.4	-	11.3	-	16.3	-	0.25	-	20.0	-	13.8

* Adjusted: Live birth rate (comparability factor 1.03) =
17.4 per 1,000

Death rate (comparability factor 1.35) =
13.3 per 1,000

TABLE II
BIRTH RATE, DEATH RATE AND INFANTILE MORTALITY

Single Years and Average Rates for
5 Year Periods.

YEAR	Population mid-Year Estimate	Live-Births		Deaths		Infant Deaths	
		No.	Rate	No.	Rate	No.	Rate
1935-1939	-	-	14.0	-	12.4	-	56.0
1940-1944	-	-	17.1	-	12.9	-	45.2
1945	25,160	398	15.8	292	11.6	15	37.0
1946	26,510	468	17.6	322	12.1	22	47.0
1947	26,970	592	21.9	323	11.9	25	42.0
1948	26,820	412	15.3	347	12.9	14	33.0
1949	26,940	431	16.0	378	14.0	17	39.0
1945-1949	-	-	17.3	-	12.5	-	39.6
1950	27,220	365	13.4	336	12.3	9	25.0
1951	27,350	394	14.4	413	15.1	7	18.0
1952	27,900	374	13.4	341	12.2	12	32.0
1953	28,800	417	14.4	285	9.9	8	19.0
1954	30,590	456	14.9	359	11.7	9	20.0
1950-1954	-	-	14.1	-	12.2	-	22.8
1955	31,720	458	14.4	346	10.9	11	24.0
1956	33,050	600	18.2	359	10.9	14	23.0
1957	34,750	597	17.2	386	11.1	13	22.0
1958	36,500	644	17.6	359	9.8	12	18.6
1959	37,620	630	16.7	370	9.8	10	15.9
1955-1959	-	-	16.8	-	10.5	-	20.7
1960	38,280	668	17.5	392	10.2	21	31.4
1961	40,400	679	16.8	414	10.2	19	28.0
1962	41,820	688	16.5	479	11.5	13	18.9
1963	43,040	719	16.7	470	10.9	7	9.7
1964	44,060	744	16.9	435	9.9	16	21.5
1960-1964	-	-	16.8	-	10.5	-	21.9

TABLE III

Causes of death for the year 1964. Classified under the
Headings of the Abbreviated List of the International
Statistical Classification of Diseases, Injuries and
Causes of Death.

No.	Causes of Death	Males	Female	Total
1	Tuberculosis, respiratory	2	2	4
2	Tuberculosis, other	-	1	1
3	Syphilitic disease	-	-	-
4	Diphtheria	-	-	-
5	Whooping Cough	-	-	-
6	Meningococcal Infections	1	-	1
7	Acute Poliomyelitis	-	-	-
8	Measles	-	-	-
9	Other Infective and parasitic diseases	-	1	-
10	Malignant neoplasm, stomach	7	3	10
11	Malignant neoplasm, lung, bronchus	10	2	12
12	Malignant neoplasm, breast	-	8	8
13	Malignant neoplasm, uterus	-	2	2
14	Other Malignant and lymphatic neoplasms	26	17	43
15	Leukaemia, aleukaemia	1	1	2
16	Diabetes	-	4	4
17	Vascular lesions of nervous system	34	29	63
18	Coronary disease, angina	62	27	89
19	Hypertension with heart disease	1	2	3
20	Other heart disease	17	28	45
21	Other circulatory diseases	8	12	20
22	Influenza	-	1	1
23	Pneumonia	7	9	16
24	Bronchitis	24	10	34
25	Other diseases of respiratory system	4	2	6
26	Ulcer of stomach and duodenum	2	2	4
27	Gastritis, enteritis and diarrhoea	1	2	3
28	Nephritis and nephrosis	3	1	4
29	Hyperplasia of prostate	-	-	-
30	Pregnancy, childbirth, abortion	-	-	-
31	Congenital malformations	3	-	3
32	Other defined and ill-defined diseases	9	20	29
33	Motor vehicle accidents	5	3	8
34	All other accidents	8	7	15
35	Suicide	2	2	4
36	Homicide and operations of war	-	-	-
		237	198	435

TABLE IV

AGE DISTRIBUTION OF DEATHS 1955 - 1964

Number of deaths in single years

Percentage distribution in five-year periods

YEAR	AGE AT DEATH (YEARS)								
	0-	1-	2-	5-	15-	25-	45-	65-	TOTAL
1955	10	1	1	1	-	26	88	219	346
1956	14	-	-	2	2	19	80	242	359
1957	13	1	3	2	5	27	101	234	386
1958	12	2	2	1	4	21	101	216	359
1959	10	1	2	1	2	12	107	235	370
Percentage Distribution 1955-1959	3.2	0.3	0.4	0.4	0.7	5.8	26.2	63.0	100%
1960	21	2	-	2	7	18	98	243	392
1961	19	-	-	3	2	13	115	262	414
1962	13	1	3	3	8	30	109	312	479
1963	7	2	2	4	1	19	126	309	470
1964	16	1	2	7	3	26	110	270	435
Percentage Distribution 1960-1964	3.6	0.3	0.3	0.8	1.0	4.8	25.6	63.6	100%

Number of Cases of Infectious Diseases notified, showing their distribution during the year.

DISEASES	TOTAL CASES	C A S E S													N O T I F I E D				
		Under 1	1+	2+	3+	4+	5-9	10-14	15-19	20-34	35-44	45-64	65+						
Scarlet Fever	8	-	-	-	1	2	4	1	-	-	-	-	-	-					
Erysipelas	1	-	-	-	-	-	-	-	-	-	-	1	-	-					
Pneumonia (Primary and Influenzal)	3	-	-	-	-	-	1	1	-	-	-	-	1	-					
Whooping Cough	34	1	2	3	6	2	20	-	-	-	-	-	-	-					
Measles	331	19	40	47	50	40	127	3	4	1	-	-	-	-					
Dysentery *	92	1	11	15	7	3	38	6	1	6	3	1	-	-					
Relapsing Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Poliomyelitis (Paralytic)	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Poliomyelitis (Non-Paralytic)	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Food Poisoning	2	1	-	1	-	-	-	-	-	-	-	-	-	-					
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Tuberculosis Respiratory	6	-	-	-	-	-	-	-	-	1	2	2	1	-					
Tuberculosis Non-Respiratory	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Puerperal Pyrexia	3	-	-	-	-	-	-	-	1	1	1	-	-	-					
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL	480	22	53	66	64	47	190	11	6	9	6	4	2	2					

* Confirmed cases.

TABLE V - NOTIFIABLE DISEASES (continued)

Showing the geographical distribution of the cases, the number of cases removed to hospital and deaths from these diseases during 1964.

DISEASES	Walkden North	Walkden East	Walkden Central	Worsley	Boothstown	Hulton East	Hulton West	Worsley Road	Cases removed to Hospital	Total Deaths
Scarlet Fever	-	1	1	2	-	1	3	-	-	-
Erysipelas	-	-	-	1	-	-	-	-	-	-
Pneumonia	-	-	-	-	-	1	2	-	-	-
Whooping Cough	-	1	-	3	3	11	15	1	1	-
Measles	11	16	54	57	11	60	118	4	1	-
Dysentery	4	5	22	3	1	32	24	1	1	-
Relapsing Fever	-	-	-	-	-	-	-	-	-	-
Poliomyelitis (Paralytic)	-	-	-	-	-	-	-	-	-	-
Poliomyelitis (Non-Paralytic)	-	-	-	-	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	2	-	-	1	-
Paratyphoid.Fever	-	-	-	-	-	-	-	-	-	-
Tuberculosis (Respiratory)	-	-	1	1	-	1	3	-	5	-
Tuberculosis (Non-Respiratory)	-	-	-	-	-	-	-	-	-	-
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	-	-	1	-	-	1	1	-	1	-
Malaria	-	-	-	-	-	-	-	-	-	-
TOTAL	15	22	79	68	15	109	166	6	9	-

TABLE VI
I N F E C T I O U S D I S E A S E S
Annual Notifications 1940-64.

YEAR	Smallpox	Diphtheria	Scarlet Fever	Puerperal Pyrexia	Erysipelas	Pneumonia	Whooping Cough	Measles	Poliomyelitis Paralytic	Poliomyelitis Non-paralytic	Dysentery	Typhoid and Paratyphoid Enteric Fever	Food Poisoning	Ophthalmia Neonatorum	Tuberculosis Respiratory	Tuberculosis Non-Respiratory	Meningococcal infection Cerebro spinal fever	Acute Polio Encephalitis	Others	TOTAL
1940	-	8	66	5	3	15	20	283	-	-	-	1	-	-	25	12	1	-	-	439
1941	-	24	98	1	8	9	219	76	-	-	-	1	-	-	14	5	4	-	-	459
1942	-	18	118	1	5	9	10	508	-	-	-	-	-	-	12	10	1	4	-	697
1943	-	3	97	4	3	4	19	48	-	-	-	-	-	1	20	10	2	-	-	210
1944	-	5	89	-	4	1	12	60	-	-	-	-	-	-	16	9	-	-	-	202
1945	-	8	69	4	2	-	20	170	-	-	-	-	-	6	10	5	-	-	-	291
1946	-	5	35	1	3	2	28	388	-	-	-	-	-	3	19	7	-	-	-	488
1947	-	1	24	1	2	6	20	171	-	9	-	-	-	4	18	6	2	4	-	268
1948	-	1	108	2	2	3	25	410	-	-	-	-	-	1	23	4	-	-	-	579
1949	-	-	143	-	3	5	36	127	-	10	-	2	2	-	16	6	-	-	-	350
1950	-	1	47	-	3	4	30	115	-	-	8	-	3	-	11	4	-	-	-	226
1951	-	1	96	1	3	10	149	516	2	-	6	-	-	-	37	5	1	-	-	827
1952	-	-	58	-	5	10	38	175	1	-	3	-	-	-	28	4	-	-	-	322
1953	-	-	98	-	1	12	58	298	3	-	7	-	4	-	31	4	-	-	-	516
1954	-	2	48	1	2	29	69	282	-	-	26	-	2	-	28	3	2	-	-	494
1955	-	-	40	1	2	22	30	310	1	-	77	-	20	-	10	3	1	-	-	517
1956	-	-	19	-	3	28	58	81	7	3	292	-	15	-	26	3	5	-	-	540
1957	-	-	25	-	1	58	21	635	4	1	62	-	9	2	14	3	2	-	-	837
1958	-	-	39	-	3	65	70	635	2	-	35	5	6	-	13	1	-	-	1	303
1959	-	-	46	-	4	55	57	671	-	-	155	3	4	-	13	1	-	-	1	1011
1960	-	-	57	1	4	25	64	199	1	-	502	-	43	-	21	1	1	-	2	921
1961	-	-	35	-	1	19	19	675	2	-	119	1	53	-	15	3	-	-	-	942
1962	-	-	7	-	-	16	3	124	-	-	53	-	1	-	17	1	-	-	-	222
1963	-	-	5	-	2	6	39	862	-	-	9	-	18	-	10	1	-	-	-	952
1964	-	-	8	3	1	3	34	331	-	-	92	-	2	-	6	-	-	-	-	480

T A B L E V I I

TUBERCULOSIS - NEW CASES AND DEATHS, 1964

AGE PERIODS (Years)	★ NEW CASES				DEATHS			
	Respiratory		Non Respiratory		Respiratory		Non Respiratory	
	M	F	M	F	M	F	M	F
0 - 4	-	-	-	-	-	-	-	-
5 - 14	-	-	-	-	-	-	-	-
15 - 24	-	-	-	-	-	1	-	-
25 - 44	1	2	-	-	1	1	-	-
45 - 64	2	-	-	-	-	-	-	1
65 and upwards	-	1	-	-	1	-	-	-
Age unknown	-	-	-	-	-	-	-	-
TOTALS	3	3	-	-	2	2	-	1
	6		-		4		1	
	6				5			
Rates per 1,000 population	0.136		-		0.090		0.022	
	0.136				0.112			
England and Wales Rates per 1,000 population	0.317		0.054		0.047		0.006	
	0.371				0.052			

★ New Cases include all primary notifications and any other NEW cases coming to the knowledge of the Medical Officer of Health during the year, but do not include INWARD TRANSFERS.

T A B L E V I I I

T U B E R C U L O S I S

Number of cases on Register as at 31st December, 1964

	Respiratory	Non-Respiratory	Total
Males.	91	7	98
Females.	80	7	87
TOTALS at 31/12/64	171	14	185
TOTALS at 31/12/63	179	17	196

T A B L E I X
T U B E R C U L O S I S

INCIDENCE AND DEATH-RATES ANNUALLY 1945 - 64

	INCIDENCE			DEATHS		
	Case Rate per 1,000			Death Rate per 1,000		
	Resp.	Non-Resp.	Total	Resp.	Non-Resp.	Total
1945	.40	.20	.60	.16	.08	.24
1946	.72	.26	.98	.23	.07	.30
1947	.67	.22	.89	.18	.04	.22
1948	.59	.22	.82	.41	.04	.45
1949	.40	.15	.55	.41	.11	.52
1950	.40	.15	.55	.29	.04	.33
1951 *	1.35	.18	1.54	.22	.04	.26
1952 *	1.00	.14	1.14	.18	-	.18
1953 *	1.07	.14	1.21	.17	-	.17
1954	.92	.09	1.01	.13	-	.13
1955	.32	.09	.41	.19	-	.19
1956	.79	.09	.88	.09	-	.09
1957	.40	.09	.49	.12	-	.12
1958	.36	.03	.39	.14	-	.14
1959	.34	.03	.37	.13	-	.13
1960	.34	.03	.37	.05	-	.05
1961	.37	.07	.44	.03	-	.03
1962	.40	.02	.42	.11	-	.11
1963	.18	.02	.20	.04	-	.04
1964	.13	-	.13	.09	.02	.11
Average for 20 yrs.	.56	.12	.68	.16	.02	.19
Average for first 5 year period 1945-1949	.56	.21	.77	.28	.07	.55
Average for last 5 year period 1960-1964	.28	.03	.31	.06	.004	.06

* Incidence rate shown for these years are too high, because inward transfers have been included.

T A B L E X

Nature of Complaints Investigated

<u>Nature of Complaint</u>	<u>Number</u>
Housing Defects	32
Choked and Defective Drains	52
Rats, Mice and Insect Pests	397
Smoke and Fumes	13
Miscellaneous Nuisances	64
	<hr/>
	558
	<hr/>

T A B L E X I
SUMMARY OF VISITS AND INSPECTIONS

NATURE OF VISIT	TOTAL VISITS
<u>Dwellinghouses inspected for defects</u>	
Public Health Act and Housing Acts	1,355
Rent Act	29
<u>Other Public Health Act Visits</u>	
Drain Inspections and tests	202
Conversion of sanitary accommodation	15
Water Supply	1
Insect Infestations	54
Dirty Houses	9
Animal nuisances	21
Accumulations	170
Flooding etc.,	12
Offensive odours	42
Noise nuisances	18
Moveable dwellings	36
Schools	44
Piggeries	34
Public Conveniences	407
Air Raid Shelters	57
Water Courses	14
Fairgrounds	7
Miscellaneous	701
<u>Infectious diseases and food poisoning</u>	401
<u>Disinfections</u>	-
<u>Factories Acts:</u>	
Factories with mechanical power	81
Factories without mechanical power	2
Outworkers premises	31
Building sites	23
<u>Offices, Shops and Railway Premises Act</u>	
Health provisions	48
<u>Shops Act</u>	
Hours of closing etc.,	22
<u>Rag Flock Act</u>	-

SUMMARY OF VISTS AND INSPECTIONS (Continued)

<u>Nature of Visit</u>	<u>Total Vists</u>
<u>Food Premises</u>	
General Grocers	151
Greengrocery	23
Fishmongers	3
Butchers and cooked meats	74
Bakehouses and confectioners	42
Fried Fish Shops	31
Sweets, Ice Cream etc.,	23
Restaurants, cafes, snack-bars, licensed premises, canteens....	175
Other food premises	29
Mobile food shops	34
Ice Cream Manufacturers	11
Ice Cream Sale	92
Milk Vehicles	12
Slaughterhouses	171
<u>Atmospheric Pollution:-</u>	
Smoke observations	23
Grit, dust nuisances and fumes	14
Visits to boiler plant	41
Smoke Control Areas	204
<u>Rodent Control</u>	1,826
<u>Refuse Collection and Disposal</u>	551
<u>National Assistance Act</u>	-
<u>Petroleum Act</u>	72
<u>Metal Brokers</u>	7
<u>Pet Animals and Animal Boarding</u>	8

TABLE XII

Summary of Nuisances and Housing Defects Found and Abated.

Nature of Defect	No. Found	No. Remedied
Roofs	28	29
Chimneys	16	16
Gutters	45	44
Rainwater Pipes	14	14
External Walls	60	60
Soil Pipes	9	9
Waste Pipes	5	5
Yard Surfaces and paths	6	4
Yard walls and gates	3	3
Dustbins	151	151
Drains - defective	103	103
Ceilings	18	19
Internal Walls	61	59
Damp Walls	59	60
Skirtings	8	8
Floors	14	14
Firegrates and ovens	5	3
Flues	7	7
Windows	12	12
Doors and Frames	6	6
Sinks	14	14
Water supply - fittings	3	3
Water supply - pipes	7	7
Staircase and handrails	-	-
Waste Water Closets	11	11
Trough Closets	14	14
Ashpits	3	3
Privy Middens	-	-
Pail Closets	-	-
Flooding	5	5
Dirty houses	4	4
Odours	13	10
Caravans	6	6
Accumulation	41	41
Animals nuisances	12	10
Streams	6	6
Bugs)	51	51
Other Vermin)		
Noise Nuisance	1	1
Smoke Nuisance	9	9
Dust Nuisance	1	1

TABLE XIII

Housing Act, 1957 - Action taken from 1955 to 1964

(a) Houses in Clearance Areas

Description of Area	Address of Houses	Number of Houses
Hulton West Ward	2-24 School Street	12
Clearance Area No. 18 1955	1-21 Johnson Street	11
-do- No. 19 1956	5-31 Highfield Road	14
	2-10 Watson Street	5
Hulton East Ward	263-271 Manchester Road East	5
Clearance Area No. 14 - 1957	1-3 Smith Street	3
Hulton East Ward	1-7 Matherfold	4
Clearance Area No. 13 - 1958	2-12 Matherfold	6
Walkden North Ward	18-22 Chatsworth Street	3
Chatsworth Street	28-36 -do-	5
Clearance Area No. 1 - 1959	48-70 -do-	12
Hulton West Ward	1-2 Peel Street	2
Clearance Area No. 1 - 1959		
Hulton West Ward	168-176 Cleggs Lane	5
Clearance Area No. 2 - 1959	2-6 Whitby Street	3
	2-20 Longshaw Street	10
Hulton West Ward	184-212 Cleggs Lane	15
Clearance Area No. 3 - 1959	1-13 Edmundson Street	7
	2-12 Brook Street	6
	13-17 Brook Street	3
	14-18 Barnes Street	3
Worsley Road North	2-8 Argyle Avenue	4
Clearance Area No. 4 - 1959	115-121 Worsley Road N.	4
Hulton West Ward	410-416 Manchester Road	4
Clearance Area No. 1 - 1960	3-9 Mill Street. West	4
Boothstown	2-24 Delph Lane	12
Clearance Area No. 1 - 1960		
North Ward	2-8 Shiel Street	4
Clearance Area No. 1 - 1960	72-76 Harriet Street	3
Boothstown Clearance Area No. 2 - 1961	3-19 Victoria Street	9
Hulton West	1-9 Croft Street	5
Clearance Area No. 1 - 1961	18-32 Croft Street	8
Vicars Hall Lane	78-84 Vicars Hall Lane	4
Clearance Area No. 1 - 1962		
Vicars Hall Lane	15 54 Vicars Hall Lane	3
Clearance Area No. 2 - 1962		
Leigh Road	60-66 Leigh Road	4
Clearance Area No. 1 - 1962		

TABLE XIII (continued)

(a) Houses in Clearance Areas

Description of Area	Address of Houses	Number of Houses
North Ward (Granville Street) Clearance Area No. 1 - 1962	14-30 Granville Street	9
Hulton West Ward Clearance Area No. 1 - 1962	2-16 Croft Street	8
Hulton West Ward Clearance Area No. 2 - 1962	10-24 Martin Street	8
Hulton West Ward Clearance Area No. 3 - 1962	2-8 Martin Street	4
Hulton West Ward Clearance Area No. 4 - 1962	2-8 Edward Street	4
Hulton East Ward Clearance Area No. 1 - 1963	321-331 Manchester Road East	6
Hulton East Ward (Tynesbank) Clearance Area No. 1 - 1964	2-10 Tynesbank 3-15 Manchester Road East	5 6
Hulton Worsley Road Ward (Worsley Road North) Clearance Area No. 1 - 1964	60-76 Worsley Road North	9
Hulton Worsley Road Ward (Lansdale Street & Harcourt Street) Clearance Area No.2 1964	1-7 Lansdale Street 9 Harcourt Street	4 1
Walkden North Ward (Alfred St.) Clearance Area No. 1 - 1964	4-8 Alfred Street	3
Hulton West Ward (Old Lane) Clearance Area No. 1 - 1964	39-75 Old Lane	19
Walkden East Ward (Manchester Road and Duke Terrace) Clearance Area No. 1 1964	400/404 Manchester Road 2-10 Duke Terrace	2 5
	TOTAL	295
(b) Individual Unfit Houses		128
	TOTAL HOUSES DEALT WITH	423

TABLE XIV

Housing Statistics

	<u>Houses</u>	<u>Flats</u>	<u>Total</u>
<u>Number of new houses erected during the year:-</u>			
By the local authority	12	12	24
By local authority for Salford	276	92	368
By other bodies or persons	141	-	141

Inspections of dwellinghouses during this year:-

(a) Total No. of dwellinghouses inspected formally or informally for housing defects (under Public Health or Housing Acts)	732
(b) No. of inspections, formal or informal, made for the purposes	1355
(c) No. of dwellinghouses in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit	289

Total No. of dwellinghouses existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit	174
-------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

Houses Demolished
Clearance Areas:-

1. Houses unfit for human habitation
2. Houses included by reason of bad arrangement etc.,
3. Houses on land acquired under Section 43(2) Housing Act, 1957.

Not in Clearance Areas:-

4. As a result of formal or informal procedure under Section 17 (1) Housing Act, 1957
5. Local Authority owned houses certified unfit by the Medical Officer of Health
6. Houses unfit for human habitation where action has been taken under local Acts
7. Unfit houses included in Unfitness Orders

Unfit Houses Closed

1. Under Section 16 (4), 17 (1), and 35 (1) Housing Act, 1957
2. Under Section 17 (3) and 26 Housing Act, 1957
3. Parts of buildings closed under Section 18 - Housing Act, 1957

Houses Demolished	Displaced During Year	
	Persons	Families
8	46	18
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	2	1
-	-	-
-	-	-

TABLE XIV (Continued)

Unfit Houses made fit and Houses in which defects were remedied

1. After informal action by local authority
2. After formal notice under (a) Public Health Acts
(b) Housing Act, 1957 Secs. 9 & 16
3. Under Section 24, Housing Act, 1957

By Owner	By Local Authority
201	-
-	-
-	-
-	-

Unfit Houses in Temporary Use (Housing Act, 1957)

Position at end of Year:-

- (1) Retained for temporary accommodation
 - (a) Under Section 48
 - (b) Under Section 17(2)
 - (c) Under Section 46
- (2) Licensed for temporary occupation under Section 34 and 53

Number of Houses	Number of separate dwellings contained in column (1)
(1)	(2)
Nil	-
Nil	-
Nil	-
Nil	-

Purchase of Houses by Agreement

Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year.

Number of Houses	Number of occupants of houses in Col. (2)
(1)	(2)
Nil	-

Housing Act, 1949 and Housing (Financial Provisions) Acts, 1958 - Improvement Grants etc.

Action during the year:-

- (i) Submitted by private individuals to local authority.
- (ii) Approved by local authority.
- (iii) Submitted by local authority to Ministry
- (iv) Finally approved by Ministry
- (v) Work completed
- (vi) Additional separate dwellings included in (v) above.
- (vii) Any other action taken under the acts.

No. of dwelling houses or other buildings affected in schemes of	
Private Bodies or Individuals	Local Authority
62	-
58	-
-	-
-	-
37	-
1	-
-	-

TABLE XIV (Continued)

House Purchase and Housing Act, 1959 and
Housing Acts, 1961 and 1964 - STANDARD GRANTS

Action during year:-

- (a) Submitted to local authority.
- (b) Applications approved by local authority.
- (c) Work completed..

Rent Act 1957

Part I - Application for Certificates of Disrepair

- 1. Number of Applications for Certificates
- 2. Number of decisions not to issue Certificates
- 3. Number of decisions to issue certificates
 - (a) in respect of some but not all defects
 - (b) in respect of all defects
- 4. Number of undertakings given by landlords under paragraph 5 of the First Schedule
- 5. Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule
- 6. No. of Certificates issued

Part II - Application for Cancellation of Certificates

- 7. Applications by landlord to Local Authority for cancellation of Certificate.
- 8. Objections by tenants to cancellation of certificates
- 9. Decision by Local Authority to cancel in spite of tenants objections
- 10. Certificates cancelled by Local Authority

Loans made for (a) House Purchase
(b) House Construction and (c)
Repair and Improvement

No. of dwellings or other
Buildings affected

26
24
16

13
2

3
2

Nil

Nil

5

Nil

Nil

Nil

Nil

There were no applications for Certificates under the
Housing Repairs and Rent Act, 1954.

TABLE XV

Number of Animals Slaughtered and Inspected

	Cattle Excluding Cows	Cows	Calves	Sheep & Lambs	Pigs
Number Killed	274	2	-	1264	261
Number Inspected	274	2	-	1264	261
<u>All diseases except Tuberculosis</u>					
Whole carcasses condemned	-	-	-	-	-
Carcasses of which some part or organ was condemned	22	-	-	82	1
Percentage of the number inspected affected with disease other than Tuberculosis	8%	-	-	6.4%	.38%
<u>Tuberculosis only:-</u>					
Whole carcasses condemned	-	-	-	-	-
Carcasses of which some part or organ was condemned	-	-	-	-	3
Percentage of number inspected affected with Tuberculosis	-	-	-	-	1.1%
<u>Cysticercosis</u>					
Carcasses of which some part or organ was condemned	-	-	-	-	-
Carcasses submitted to treatment by refrigeration	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-
Total weight of carcase meat and organs condemned 3 cwts. 42 lbs.					

T A B L E X V I

Other Foods Inspected and Condemned

<u>Nature of Food</u>	<u>Weight (lbs)</u>
Meat at Retail Shops	1308
Cooked Meats	327
Canned Meats	115
Fish	14
Fruit and Vegetables	65
Other Foods	1281
	<hr/>
	3110
	<hr/>

TABLE XVII

FOOD AND DRUGS ACT, 1955

Samples obtained for Analysis

- 39 samples of milk (3 Channel Islands milk)
- 1 Butter sponge syrup pudding
 - 1 Lard
 - 1 Semolina
 - 1 Cornflake crumbs
 - 1 Tincture of iodine
 - 1 Crude black molasses
 - 1 Gravy browning
 - 2 Canned fruit
 - 1 Self raising flour
 - 1 Fruit curd
 - 1 Labak tablets
 - 1 Castor oil B.P.
 - 1 Dried vegetables
 - 1 Mustard
 - 1 Part of a cheese and onion pie
 - 1 Barm cake
 - 2 Barm cakes buttered
 - 1 Bread
 - 1 Chicken Paste
 - 2 Cream Buns
 - 1 Chocolate Sponge Cake
 - 4 Ice Creams
 - 2 Meat Paste
 - 1 Orange Crush
 - 1 Salmon Paste
 - 3 Sausages
 - 1 Canned Sponge Pudding
 - 2 Vinegars
 - 1 Cough Mixture
 - 1 Ismelin Lozenges
 - 1 Peroxide Ear Drops
 - 1 Meat Pie
 - 1 Black Pudding
 - 1 Minced Beef
 - 1 Veal Sorrento
 - 1 Curried Beef and Mushrooms
 - 1 Chicken Capri
 - 1 Halibut Oil Capsules
 - 1 Hydrogen Peroxide Solution
 - 1 Glycerine of Thymol

TABLE XVII (Continued)

Samples found to be adulterated or
otherwise giving rise to irregularity

<u>Type of Sample</u>	<u>Result of Analysis</u>	<u>Action Taken</u>
Milk	Contained 0.03 International Unit penicillin per ml.	Dairy informed
Milk	Contained 0.01 International Unit penicillin per ml.	Farmer and Milk Marketing Board informed.
Milk	Freezing point indicated presence of 2.8% extraneous water.	Vendor cautioned and further sample obtained.
Milk	Contained 0.02 International Unit penicillin per ml.	Dairy informed
Gravy browning	Container not labelled with the words "Food Colour" as required by the Colouring Matter in Food Regulations, 1957.	Manufacturer communicated with.
Part Cheese and Onion Pie	A moth, similar in size to a clothes moth, but devoid of scales, and with two legs missing, rested upon the exposed filling of the pie.	Complainant informed. Baker interviewed.
Lemon Sponge Pudding Canned	Badly discoloured in patches due to presence of excessive amounts of iron from the can.	Warning letter sent to manufacturer.
Sterilised Milk	Contained broken glass.	Legal proceedings taken. £20 fine and £8. 8s. 0d. costs.
Chicken Paste	Contained part of a chicken feather.	Manufacturer notified.
Barm Cake	Dust particles and jute fibres embedded in the crumb	Warning letter sent to baker. Notified Local Authority in which bakery situated.
Hydrogen Peroxide Ear Drops	Twice the required strength of hydrogen peroxide. Dispensed in incorrect container, also label inadequate.	Vendor interviewed and cautioned.

TABLE XVII (Continued)

<u>Type of Sample</u>	<u>Result of Analysis</u>	<u>Action taken</u>
Buttered Barm Cakes	Spread with margarine and not butter	Vendor interviewed.
Canned Peas	Ground beetle present in the peas	Legal proceedings taken. £5. 5. 0. fine and costs.
Meat Pies	Sample slightly deficient in lean meat	Manufacturer notified.
Pork Sausages	Contained undeclared sulphur dioxide, 270 ppm	Butcher cautioned.

Preservatives in Food

The following foods were examined for preservatives.

Two milks, three sausages, two ice creams, one black pudding, one minced meat, one meat paste, one salmon paste and one orange crush.

Of these, one sausage sample contravened the relevant Regulations. The manufacturer was requested to display the appropriate notice.

TABLE XVIII

Number and Type of Food Premises

<u>Type of Business</u>	<u>Number</u>
General grocers and provisions dealers	108
Greengrocers and Fruiterers	22
Fishmongers (including poultry, game etc.,)	1
Meat Shops (including cooked meats, tripe etc.,)	25
Bakers and confectioners.	20
Fried Fish Shops.	24
Shops selling mainly sugar confectionery, minerals, ice-cream etc.,	20
Licensed premises, clubs, canteens, cafes, etc.,	75
Others.	14

Number of Food Premises registered under Section
16 of the Food and Drugs Act, 1955

<u>Type of Business</u>	<u>No. Registered</u>	<u>No. of Inspections</u>
Ice Cream Manufacture	3	11
Ice Cream sale and storage	98	92
Preserved Foods	14	19
Hawkers	19	23

Milk and Dairies

Number of distributors registered and operating from :-

- (a) Dairies in the district - 7
- (b) Shops other than dairies - 67

TABLE XIX

Food Premises and VehiclesSummary of Defects found and Improvements Effected

Nature of Defect	Found	Abated
Hot Water	3	3
Notice "Wash your Hands"	7	7
Washing facilities - hands	3	3
Washing facilities - utensils	1	1
Utensils etc., (Condition & Cleanliness)	11	11
Storage of outdoor clothing	3	3
Towels, soap, brush etc.,	5	5
Drainage	2	2
Rodents and Insects	6	6
Structural defects	29	27
Wall etc., cleanliness	15	15
Refuse storage	1	1
Accumulations	2	2
Sanitary Accommodation	4	4
Clothing	2	2
First Aid Kit	1	1
Contamination of Food	5	5
Lighting and Ventilation	3	3
<u>Slaughterhouses</u>		
Removal of Offal	1	1

TABLE XX

Measurement of Atmospheric Pollution by means of the Volumetric Apparatus situated at three stations in the district

PUBLIC HEALTH DEPARTMENT						
PERIOD	SMOKE (conc.Mg/100m ³)			SO ₂ (Conc.Mg/100m ³)		
1964	Average	Highest	Lowest	Average	Highest	Lowest
January	378	984	84	394	1192	129
February	226	572	52	264	578	125
March	175	312	108	252	444	184
April	108	292	32	214	467	95
May	64	140	12	118	215	46
June	52	112	8	118	234	61
July	55	176	8	89	183	36
August	62	124	20	103	176	36
September	92	276	24	136	321	48
October	-	-	-	250	625	125
November	332	956	80	308	1012	97
December	320	704	48	393	804	131

HULTON COUNTY SECONDARY SCHOOL

PERIOD	SMOKE (Conc.Mg/100m ³)			SO ₂ (Conc.Mg/100m ³)		
1964	Average	Highest	Lowest	Average	Highest	Lowest
January	335	860	88	375	1184	46
February	216	688	52	264	665	98
March	256	384	84	251	399	105
April	124	344	24	137	304	68
May	60	116	24	85	299	59
June	63	140	16	120	259	72
July	58	216	16	94	243	40
August	69	144	12	104	288	0
September	108	328	24	147	366	7
October	317	1044	32	278	751	62
November	291	612	24	190	445	93
December	325	724	16	341	802	116

TABLE XX (Continued)

BRIDGEWATER SCHOOL

PERIOD	SMOKE (Conc.Mg/100M ³)			SO ₂ (Conc.Mg/100m ³)		
	Average	Highest	Lowest	Average	Highest	Lowest
1964						
January	-	-	-	-	-	-
February	-	-	-	-	-	-
March	167	432	76	161	314	75
April	106	280	28	106	204	45
May	67	154	30	54	118	19
June	53	136	8	45	126	20
July	37	124	4	76	191	13
August	55	110	12	53	144	0
September	96	372	8	75	188	0
October	260	784	12	198	417	35
November	207	1064	0	253	1664	47
December	273	888	16	265	664	67

S M O K E C O N T R O L A R E A S

The following table shows the position, at the time of preparing the report, of the Council's Smoke Control Programme:-

Brief Description of Area	TYPE OF PREMISES				Acreage	Date Operative
	Dwellings	Industrial	Commercial	Other		
Part Peel Estate	907	-	1	1	168	1.11.61
Part Central Ward (No.1.)	714	7	85	12	94	1. 8.63
Armitage Estate & Part Hulton East Ward	393	1	28	9	240	Awaiting Ministers Confirmation
	2014	8	114	22	502	

TABLE XXI

FACTORIES ACTS 1937 & 1948

INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH

Premises	Number on Register	Number of Inspections	Number of written notices	Number of occupiers prosecuted
Factories without mechanical power	2	2	-	-
Factories with mechanical power	12	81	9	-
Other premises in which section 7 is enforced by Local Authority	21	23	2	-
Totals	145	106	11	-

CASES IN WHICH DEFECTS WERE FOUND

Particulars	Found	Remedied	Referred		Prosecutions
			to H.M. Inspector	by H.M. Inspector	
Want of cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Want of drainage to floor	-	-	-	-	-
Sanitary Conveniences:-					
Insufficient	2	2	-	-	-
Unsuitable or defective	9	9	-	1	-
Not separate for sexes	-	-	-	-	-
Other offences	-	-	-	-	-
Totals	11	11	-	1	-

There were 43 outworkers in the district during the year.

TABLE XXI (Continued)

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

	CLASS OF PREMISES				
	Offices	Retail Shops	Wholesale shops, warehouses	Catering establishments open to public, canteens	Fuel Storage depots
(a) No. of registered premises at end of year	60	183	4	40	1
(b) No. of registered premises which received a general inspection during year.	9	39	-	-	-
(c) No. of exemptions current at end of year:-					
Space (S.5(2))	-	-	-	-	-
Temperature (S.6)	-	-	-	-	-
Sanitary conveniences(S.9)	-	-	-	-	-
Washing facilities (S.10)	-	-	-	-	-
(d) No. of visits of all kinds by inspectors to registered premises	48				
(e) Details of any prosecutions during year	Nil				

TABLE XXII

RODENT CONTROL

	TYPE OF PROPERTY Non-Agricultural		Agricultural
	Dwelling Houses	All Other	
<u>No. of Properties inspected</u>	470	45	2
<u>Total Inspections carried out (including re-inspection)</u>	1203	161	12
<u>No. of properties inspected which were found to be infested by :-</u>			
<u>Rats</u> - Major	-	-	-
Minor	352	23	2
<u>Mice</u> - Major	-	-	-
Minor	118	19	-
<u>No. of infested properties treated</u>	470	45	2
<u>Total treatments carried out (including re-treatment)</u>	1017	141	3

TABLE XXIII

M O T O R T R A N S P O R T

The following vehicles are employed in the collection of house refuse:-

TYPE	REGISTRATION NUMBER	DATE OF PURCHASE
Karrier C.K.3	LVM.460	1. 3. 1951
Karrier Gamecock	PNA.849	12. 7. 1954
Karrier Gamecock	PND.630	12.10. 1954
Shelvoke and Drewry	947.BTF.	1. 5. 1957
Seddon/Eagle Compressmore	XVU.304	24. 6. 1959
Bedford/Eagle Compressmore	5537.NF	31.10. 1962
Karrier Blenheim	2935.NF	26. 7. 1962
Paxit IIa	GTJ.809B	30. 9. 1964
Drott Skidd Shovel	121.YTD.	5. 4. 1962
Tractor Trailer	6351.ED.	1.12. 1963

TABLE XXIV

SALVAGE COLLECTION AND SALES

Year ending 31st December, 1964

MATERIAL	QUANTITY			INCOME		
	Tons.	Cwts.	Qrs.	£.	s.	d.
Waste Paper	197.	11.	3.	1,199.	12.	2.
Scrap Metal	-.	-.	-.	-.	-.	-.
Rags	-.	-.	-.	-.	-.	-.
Totals for 1964	197.	11.	3.	1,199.	12.	2.
Totals for 1963	171.	8.	3.	1,030.	13.	0.

